

## ABSTRACT OF THE DISCLOSURE

A wireless communication apparatus is adapted to conduct stable wireless communication with one or more wireless communication sub-units and comprises a power supply connecting section connected to a power socket for lighting, communicating means connected to the power supply connecting section and conducting communication between one or more wireless communication sub-units and the other wireless communication main-units, and a lamp connecting section, electrically connected to the power supply connecting section and to which a power supply plug of an electric lamp is connected.